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- Derwent World Patents Index First View (File 331)
- Derwent World Patents Index (File 351)
- Derwent World Patents Index (File 350)
- Ei EnCompassPat (File 353)
- European Patents Fulltext (File 348)
- French Patents (File 371)
- German Patents Fulltext (File 324)
- IMS Patent Focus (File 447, 947)
- INPADOC/Family and Legal Status (File 345)
- JAPIO - Patent Abstracts of Japan (File 347)
- LitAlert (File 670)
- U.S. Patents Fulltext (1971-1975) (File 652)

- U.S. Patents Fulltext (1976-present) (File 654)
- WIPO/PCT Patents Fulltext (File 349)
- TRADEMARKSCAN - U.S. Federal (File 226)

DialogLink 5 Release Notes

New features available in the latest release of DialogLink 5 (August 2006)

- Ability to resize images for easier incorporation into DialogLink Reports
- New settings allow users to be prompted to save Dialog search sessions in the format of their choice (Microsoft Word, RTF, PDF, HTML, or TEXT)
- Ability to set up Dialog Alerts by Chemical Structures and the addition of Index Chemicus as a structure searchable database
- Support for connections to STN Germany and STN Japan services

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*** ANNOUNCEMENTS ***

"Thomson File Histories" are now available directly through Dialog in selected patent and trademark files. Combined with the comprehensive patent and trademark information on Dialog, file histories give you the most complete view of a patent or trademark and its history in one place. When searching in one of the patent and trademark databases, a link to an online order form is displayed in your search results, saving you time in obtaining the file histories you need. See HELP FILEHIST for more information about how to use the link and a list of files that contain the link.

The 2008 Emtree Thesaurus has been added to EMBASE (Files 72, 73, 772, and 972)

RESUMED UPDATING

***File 120, U.S. Copyrights

RELOADS COMPLETED

***File 156, ToxFile (annual reload)

***Files 154 & 155, MEDLINE (annual reload)

***Files 72 & 73, EMBASE

FILES REMOVED

***Files 476/Financial Times & 473/Financial Times Abstracts

***Files 359,959,804, Chemical Economics Handbook

***Files 360,960, Specialty Chemicals Update Program

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>>>a specific database by entering HELP NEWS <file number>. <<<

? Help Off Line

* * *

Connecting to Suzanne Noakes - Dialog - 276629

Connected to Dialog via SMS003032908

? b 155 biosci medicine 399

>>>W: 44 is unauthorized

76 is unauthorized

138 is unauthorized

3 of the specified files are not available

[File 155] MEDLINE(R) 1950-2008/May 21

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**File 155: MEDLINE has reloaded. Please see HELP NEWS 155 for details.*

[File 5] Biosis Previews(R) 1926-2008/May W3

(c) 2008 The Thomson Corporation. All rights reserved.

[File 24] CSA Life Sciences Abstracts 1966-2008/Mar

(c) 2008 CSA. All rights reserved.

[File 28] Oceanic Abstracts 1966-2008/Jun
(c) 2008 CSA. All rights reserved.

[File 34] SciSearch(R) Cited Ref Sci 1990-2008/May W4
(c) 2008 The Thomson Corp. All rights reserved.

[File 35] Dissertation Abs Online 1861-2008/Nov
(c) 2008 ProQuest Info&Learning. All rights reserved.

[File 40] Enviroline(R) 1975-2008/Apr
(c) 2008 Congressional Information Service. All rights reserved.

[File 41] Pollution Abstracts 1966-2008/May
(c) 2008 CSA. All rights reserved.

[File 45] EMCare 2008/May W3
(c) 2008 Elsevier B.V. All rights reserved.

[File 50] CAB Abstracts 1972-2008/Apr
(c) 2008 CAB International. All rights reserved.

[File 65] Inside Conferences 1993-2008/May 21
(c) 2008 BLDSC all rts. reserv. All rights reserved.

[File 71] ELSEVIER BIOBASE 1994-2008/May W1
(c) 2008 Elsevier B.V. All rights reserved.

[File 73] EMBASE 1974-2008/May 21
(c) 2008 Elsevier B.V. All rights reserved.

**File 73: The 2008 EMTREE Thesaurus has been loaded. Please see HELP NEWS 72 for details.*

[File 91] MANTIS(TM) 1880-2008/Aug
2001 (c) Action Potential. All rights reserved.

[File 98] General Sci Abs 1984-2008/May
(c) 2008 The HW Wilson Co. All rights reserved.

[File 110] WasteInfo 1974-2002/Jul
(c) 2002 AEA Techn Env. All rights reserved.
**File 110: This file is closed (no updates)*

[File 135] NewsRx Weekly Reports 1995-2008/May W3
(c) 2008 NewsRx. All rights reserved.

[File 136] BioEngineering Abstracts 1966-2007/Jan
(c) 2007 CSA. All rights reserved.
**File 136: This file is closed.*

[File 143] Biol. & Agric. Index 1983-2008/Apr
(c) 2008 The HW Wilson Co. All rights reserved.

[File 144] Pascal 1973-2008/May W3
(c) 2008 INIST/CNRS. All rights reserved.

[File 164] Allied & Complementary Medicine 1984-2008/May
(c) 2008 BLHCIS. All rights reserved.

[File 172] EMBASE Alert 2008/May 22
(c) 2008 Elsevier B.V. All rights reserved.

[File 185] Zoological Record Online(R) 1864-2008/May
(c) 2008 The Thomson Corp. All rights reserved.

**File 185: The file has been reloaded to add archive records back to 1864. Accession numbers have changed.*

[File 357] Derwent Biotech Res. _1982-2008/Apr W3
(c) 2008 The Thomson Corp. All rights reserved.

[File 369] New Scientist 1994-2008/Feb W4
(c) 2008 Reed Business Information Ltd. All rights reserved.

[File 370] Science 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.
**File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] Beilstein Database - Reactions 2007/Q4
(c) 2008 Beilstein GmbH. All rights reserved.

[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp. All rights reserved.

[File 467] ExtraMED(tm) 2000/Dec
(c) 2001 Informania Ltd. All rights reserved.

[File 149] TGG Health&Wellness DB(SM) 1976-2008/May W1
(c) 2008 The Gale Group. All rights reserved.

[File 156] ToxFile 1965-2008/May W2
(c) format only 2008 Dialog. All rights reserved.
**File 156: ToxFile has been reloaded. Accession numbers have changed.*

[File 159] Cancerlit 1975-2002/Oct
(c) format only 2002 Dialog. All rights reserved.

[File 162] Global Health 1983-2008/Apr
(c) 2008 CAB International. All rights reserved.

[File 266] FEDRIP 2008/Feb
Comp & dist by NTIS, Intl Copyright All Rights Res. All rights reserved.

[File 399] CA SEARCH(R) 1967-2008/UD=14821
(c) 2008 American Chemical Society. All rights reserved.
**File 399: Use is subject to the terms of your user/customer agreement. IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.*

[File 444] New England Journal of Med. 1985-2008/Mar W3
(c) 2008 Mass. Med. Soc. All rights reserved.

768 AU=HIRAMATSU H?

au=((hiram 1S1 18 S AU=((HIRAMATSU H?) OR (HIRAMATSU, H.?)) AND
DIPEPTIDYL

567 DIPEPTIDYL

H?) or (Hiramatsu, H

?) and dipeptidyl

rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S2 5 RD (UNIQUE ITEMS)

? t s2/medium/all

2/3/1 (Item 1 from file: 155)

Fulltext available through: [STIC Full Text Retrieval Options](#)

MEDLINE(R)

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17670802 PMID: 17492130

Crystal structures of human dipeptidyl peptidase IV in its apo and diprotin B-complexed forms.

Hiramatsu Hajime; Kyono Kiyoshi; Yamamoto Atsushi; Saeki Kazuhiko; Shima Hideaki; Sugiyama Shigeru;

Inaka Koji; Shimizu Ryo

Tanabe Seiyaku Co. Ltd, Osaka 532-8505, Japan.

Acta biochimica et biophysica Sinica (China) May 2007 , 39 (5) p335-43 , ISSN: 1672-9145--Print Journal

Code: 101206716

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

2/3/2 (Item 2 from file: 155)

Fulltext available through: [STIC Full Text Retrieval Options](#)

MEDLINE(R)

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15870183 PMID: 15255191

The crystal structure of human dipeptidyl peptidase IV (DPPIV) complex with diprotin A.

Hiramatsu Hajime; Yamamoto Atsushi; Kyono Kiyoshi; Higashiyama Yutaka; Fukushima Chiaki; Shima Hideaki;

Sugiyama Shigeru; Inaka Koji; Shimizu Ryo

Tanabe Seiyaku Co. Ltd., 3-16-89 Kashima, Yodogawa-ku, Osaka 532-8505, Japan.

Biological chemistry (Germany) Jun 2004 , 385 (6) p561-4 , ISSN: 1431-6730--Print Journal Code: 9700112

Publishing Model Print

Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

2/3/3 (Item 3 from file: 155)

Fulltext available through: [STIC Full Text Retrieval Options](#)

MEDLINE(R)

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15101321 PMID: 12646248

The structure and function of human dipeptidyl peptidase IV, possessing a unique eight-bladed beta-propeller fold.

Hiramatsu Hajime; Kyono Kiyoshi; Higashiyama Yutaka; Fukushima Chiaki; Shima Hideaki; Sugiyama Shigeru; Inaka Koji; Yamamoto Atsushi; Shimizu Ryo
Discovery Research Laboratory, Tanabe Seiyaku Co. Ltd., 3-16-86 Kashima, Yodogawa-ku, Osaka 532-8505, Japan.

Biochemical and biophysical research communications (United States) Mar 21 2003 , 302 (4) p849-54 , ISSN:

0006-291X--Print Journal Code: 0372516

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

2/3/4 (Item 4 from file: 155)

Fulltext available through: [STIC Full Text Retrieval Options](#)

MEDLINE(R)

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15063540 PMID: 12595736

Crystallization and preliminary X-ray study of human dipeptidyl peptidase IV (DPP-IV).

Hiramatsu Hajime; Kyono Kiyoshi; Shima Hideaki; Fukushima Chiaki; Sugiyama Shigeru; Inaka Koji; Yamamoto Atsushi; Shimizu Ryo

Discovery Research Laboratory, Tanabe Seiyaku Co. Ltd, 3-16-89 Kashima, Yodogawa-ku, Osaka 532-8505, Japan.

Acta crystallographica. Section D, Biological crystallography (Denmark) Mar 2003 , 59 (Pt 3) p595-6 , ISSN:

0907-4449--Print Journal Code: 9305878

Publishing Model Print-Electronic

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

2/3/5 (Item 1 from file: 357)

Derwent Biotech Res.

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0336822 DBA Accession No.: 2004-09114 PATENT

New crystal of dipeptidyl peptidase IV capable of analyzing its three-dimensional structure, useful for designing, identifying, evaluating or searching an effector of the dipeptidyl peptidase IV involving vector-mediated gene transfer and expression in host cell for use in therapy

Author: HIRAMATSU H; KYONO K; SHIMA H; SUGIYAMA S

Patent Assignee: TANABE SEIYAKU CO 2004

Patent Number: WO 200411640 Patent Date: 20040205 WPI Accession No.: 2004-156830 (200415)

Priority Application Number: US 398761 Application Date: 20020729

National Application Number: WO 2003JP9523 Application Date: 20030728

Language: English

? S AU=((kyono K?) OR (kyono, k.?)) AND DIPEPTIDYL

203 AU=KYONO K?

5 AU=KYONO, K.?

110567 DIPEPTIDYL

S3 18 S AU=((KYONO K?) OR (KYONO, K.?)) AND DIPEPTIDYL

?

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S4 5 RD (UNIQUE ITEMS)

? S s4 not s2

5 S4

5 S2

S5 0 S S4 NOT S2

? S AU=((shima h?) OR (shima, h.?)) AND DIPEPTIDYL

2401 AU=SHIMA H?

272 AU=SHIMA, H.?

110567 DIPEPTIDYL

S6 19 S AU=((SHIMA H?) OR (SHIMA, H.?)) AND DIPEPTIDYL

?

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S7 6 RD (UNIQUE ITEMS)

? s s7 not s2

6 S7

5 S2

S8 1 S S7 NOT S2

? s s6 not s2

19 S6

5 S2

S9 14 S S6 NOT S2

? t s8/medium/all

8/3/1 (Item 1 from file: 73)

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EMBASE

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0078938408 EMBASE No: 2002102094

Activity of testis angiotensin converting enzyme (ACE) in ejaculated human spermatozoa

Shibahara H.; Kamata M.; Hu J.; Nakagawa H.; Obara H.; Kondoh N.; Shima H.; Sato I.

Department of Obstetrics, Jichi Medical School, 3311-1, Yakush., Minamikawachi-machi, Kawachi-gun, Tochigi 329-0498, Japan

Corresp. Author: Shibahara H.

Corresp. Author Affil: Department of Obstetrics, Jichi Medical School, 3311-1, Yakush., Minamikawachi-machi, Kawachi-gun, Tochigi 329-0498, Japan

Corresp. Author email: sibahara@jichi.ac.jp

International Journal of Andrology (Int. J. Androl.) (United Kingdom) December 1, 2001 , 24/5 (295-299)

CODEN: IJAND ISSN: 01056263

Item Identifier (DOI): [10.1046/j.1365-2605.2001.00301.x](#)

Document Type: Journal ; Article Record Type: Abstract

Language: English Summary language: English

Number of References: 26

```
? S AU=((sugiyama s?) OR (sugiyama, s.?.)) AND DIPEPTIDYL
      5288 AU=SUGIYAMA S?
      853 AU=SUGIYAMA, S.?
110567 DIPEPTIDYL
S10      31 S AU=((SUGIYAMA S?) OR (SUGIYAMA, S.?.)) AND DIPEPTIDYL
```

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?
? rd
>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
```

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S11      16 RD (UNIQUE ITEMS)
```

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? t s11 not s2
>>>E: Set 11 not s2 does not exist
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? s s11 not s2
      16 S11
      5 S2
S12      11 S S11 NOT S2
```

```
? t s12/medium/all
```

12/3/1 (Item 1 from file: 45)

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EMCare

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01104863 EMCare No: 34655660

B-type natriuretic peptide as a marker of the effects of enalapril in patients with heart failure

Yoshimura M.; Mizuno Y.; Nakayama M.; Sakamoto T.; Sugiyama S.; Kawano H.; Soejima H.; Hirai N.; Saito Y.; Nakao K.; Yasue H.; Ogawa H.

Dr. M. Yoshimura, Dept. of Cardiovascular Medicine, Kumamoto Univ. School of Medicine, 1-1-1 Honjo, Kumamoto 860-8556 Japan

American Journal of Medicine (AM. J. MED.) (United States) 15 JUN 2002 , 112/9 (716-720)

CODEN: AJMEA ISSN: 0002-9343

PUBLISHER ITEM IDENTIFIER: S000293430201121X
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 32
RECORD TYPE: Abstract
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12/3/2 (Item 2 from file: 45)

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EMCare

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00650486 EMCare No: 29440119

Circulating levels of secretory type II phospholipase ASUB2 predict coronary events in patients with coronary artery disease

Kugiyama K.; Ota Y.; Takazoe K.; Moriyama Y.; Kawano H.; Miyao Y.; Sakamoto T.; Soejima H.; Ogawa H.; Doi H.; Sugiyama S.; Yasue H.

Dr. K. Kugiyama, Dept. of Cardiovascular Medicine, Kumamoto Univ. School of Medicine, Honjo 1-1-1, Kumamoto City 860-8556 Japan

AUTHOR EMAIL: kiyo@gpo.kumamoto-u.ac.jp

Circulation (CIRCULATION) (United States) 21 SEP 1999 , 100/12 (1280-1284)

CODEN: CIRCA ISSN: 0009-7322

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 28

RECORD TYPE: Abstract

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12/3/3 (Item 1 from file: 73)

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EMBASE

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0082172565 EMBASE No: 2007602448

Hypoadiponectinemia is associated with impaired glucose tolerance and coronary artery disease in non-diabetic men

Otsuka F.; Sugiyama S.; Kojima S.; Maruyoshi H.; Sakamoto T.; Yoshimura M.; Ogawa H. // Funahashi T. // Kimura K.; Umemura S. // Sugiyama S.

Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto, Japan // Department of Internal Medicine and Molecular Science, Graduate School of Medicine, Osaka University, Suita, Japan // Division of Cardiology, Yokohama City University Medical Center, Yokohama, Japan // Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, 1-1-1 Honjo, Kumamoto 860-8556, Japan

Author email: ssugiyam@kumamoto-u.ac.jp; ssugiyam@kumamoto-u.ac.jp

Corresp. Author: Sugiyama S.

Corresp. Author Affil: Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, 1-1-1 Honjo, Kumamoto 860-8556, Japan

Corresp. Author email: ssugiyam@kumamoto-u.ac.jp

Circulation Journal (Circ. J.) (Japan) December 1, 2007 , 71/11 (1703-1709)

CODEN: CJOB ISSN: 13469843 eISSN: 13474820

Item Identifier (DOI): [10.1253/circj.71.1703](https://doi.org/10.1253/circj.71.1703)

URL: http://www.jstage.jst.go.jp/article/circj/71/11/1703/_pdf

Document Type: Journal ; Article Record Type: Abstract

Language: English Summary language: English

Number of References: 30

12/3/4 (Item 2 from file: 73)

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0081906192 EMBASE No: 2007340444

The endothelial nitric oxide synthase gene -786T/C polymorphism is a predictive factor for reattacks of coronary spasm

Nishijima T.; Nakayama M.; Yoshimura M.; Abe K.; Yamamuro M.; Suzuki S.; Shono M.; Sugiyama S.; Ogawa H. // Yasue H. // Saito Y. // Miyamoto Y. // Nakao K. // Yoshimura M.

Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, Kumamoto, Japan // Division of Cardiology, Kumamoto Aging Research Institute, Kumamoto, Japan // First Department of Internal Medicine, Nara Medical University, Kashihara, Nara, Japan // Division of Atherosclerosis and Diabetes, National Cardiovascular Center, Suita, Osaka, Japan // Department of Medicine and Clinical Science, Kyoto University Graduate School of Medicine, Sakyou-ku, Kyoto, Japan // Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, 1-1-1 Honjo, Kumamoto 860-8556, Japan

Author email: bnp@kumamoto-u.ac.jp; bnp@kumamoto-u.ac.jp

Corresp. Author: Yoshimura M.

Corresp. Author Affil: Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University, 1-1-1 Honjo, Kumamoto 860-8556, Japan

Corresp. Author email: bnp@kumamoto-u.ac.jp

Pharmacogenetics and Genomics (Pharmacogenet. Genomics) (United Kingdom) August 1, 2007 , 17/8 (581-587)

ISSN: 17446872 eISSN: 17446880

Publisher Item Identifier: 0121301120070800000002

Item Identifier (DOI): [10.1097/01.fpc.0000239978.61841.1a](https://doi.org/10.1097/01.fpc.0000239978.61841.1a)

Document Type: Journal ; Article Record Type: Abstract

Language: English Summary language: English

Number of References: 20

12/3/5 (Item 3 from file: 73)

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0081579639 EMBASE No: 2007012882

Progress report on the Hypertension Objective Treatment Based on Measurement by Electrical Devices of Blood Pressure (HOMED-BP) study: Status at February 2004

Hosohata K.; Ohkubo T.; Kikuya M.; Hashimoto J. // Saito S.; Asayama K.; Metoki H.; Obara T.; Kato T.; Totsum K.; Imai Y. // Asayama K.; Ohkubo T.; Hashimoto J.; Totsum K.; Imai Y. // Miura Y. // Imai Y. // Arakawa K.; Fujishima M.; Fujii J.; Fukiyama K.; Hisamichi S.; Iimura O.; Ishii M.; Omae T.; Saruta T.; Yoshinaga K.; Abe I.; Abe K.; Abukawa T.; Ashida T.; Dohba N.; Etoh T.; Fujimura A.; Fujita T.; Fukui A.; Gotoh T.; Hama H.; Hano T.; Hayashi H.; Hayashida N.; Hayashi M.; Hiramori K.; Hirai Y.; Hirata Y.; Hiwada K.; Hora K.; Ichikawa S.; Iida T.; Ikeda T.; Imaizumi T.; Ishikawa K.; Ito I.; Ito M.; Ito S.; Iwaoka D.; Kanamasa K.; Katagiri T.; Katayama S.; Kawamura H.; Kawano Y.; Kida H.; Kikuchi K.; Kimura G.; Kimura K.; Kitaoka H.; Kobayashi S.; Kohara K.; Kojima S.; Komuro I.; Kumagai H.; Kumagai Y.; Kusano E.; Kushihiro T.; Kuwajima I.; Maruyama Y.; Masani F.; Matsubara H.; Matsubara T.; Matsumoto M.; Matsuo K.; Matsuo H.; Matsuura H.; Mishima Y.; Miura M.; Miyamori I.; Mori H.; Murakami H.; Muratani H.; Nakagawa M.; Nakao K.; Naruse M.; Nishio I.; Ogihara T.; Ohta M.; Ohtsuka K.; Ohtsuka Y.; Ohuchi Y.; Oikawa S.; Okabe M.; Okumura K.; Saitoh I.; Saitoh H.; Sakata T.; Saku K.; Sasaki H.; Seino M.; Senda S.; Shimada S.; Shimamoto K.; Shimizu M.; Shiomi T.; Shirato K.; Sone M.; Suzuki H.; Suzuki S.; Takahashi H.; Takada M.; Takeda K.; Takeda N.; Takeshita A.; Takishita S.; Tanaka S.; Toba K.; Tochikubo O.; Tomoike H.; Ueno Y.; Umemura S.; Urata H.; Watanabe T.; Yamada K.; Yamaguchi T.; Yamakado M.; Yamamoto Y.; Yamamoto Y.; Yamashina A.; Yokoyama H.; Yoshimura M.; Satoh H.; Oka Y.; Katagiri H.; Kondo Y.; Shishido H.; Kohinata A.; Kanno Y.; Ikeda H.; Takahira Y.; Takahashi T.; Kimura A.; Funahashi J.; Takada N.; Hanazawa T.; Suzuki N.; Osugi M.; Hashimoto J.; Ogawa Y.; Miyamura T.; Masuda Y.; Tanaka S.; Tanaka S.; Koizumi M.; Ando T.; Endo T.; Tsuchida A.; Nanba M.; Yonekura S.; Shiroishi M.; Nakagawa M.; Ito K.; Oda K.; Takahashi K.; Kanahara I.; Hirota N.; Tsutsui M.; Anzai J.; Hosoda S.; Shiiki M.; Takagawa Y.; Iida M.; Tada M.; Noto T.; Tanaka H.; Tajima G.; Kawamorita K.; Kikuchi K.; Suzuki H.; Suzuki K.; Komai K.; Seki H.; Omoto A.; Takahashi H.; Kitabayashi A.; Kimura M.; Kimura Y.; Yamamoto H.; Takahashi K.; Kimura H.; Kawamorita Y.; Emura Y.; Suzuki Y.; Ishikawa Y.; Nagai K.; Nagai S.; Ito T.; Nihei K.; Yamada S.; Goto T.; Yamamoto N.; Suzuki Y.; Ito H.; Ito M.; Fujita T.; Tominaga Y.; Tominaga S.; Suzuki K.; Ishibashi K.; Ando Y.; Sato S.; Morikawa H.; Kashima S.; Nakayama D.; Hayashi Y.; Ohta K.; Metoki H.; Fukami K.; Hayashi T.; Kishi M.; Tajima J.; Seino J.; Hoshi H.; Imai Y.; Kimura H.; Mori R.; Matsuo K.; Tanno Y.; Shibasaki A.; Yamagishi T.; Ohtomo E.; Ohtsuka Y.; Sasaki S.; Seino M.; Kurosawa K.; Ito K.; Takagi Y.; Kyogoku S.; Ito K.; Ono Y.; Watanabe M.; Watanabe S.; Hiwatashi N.; Yagi C.; Unakami H.; Asayama K.; Mourti T.; Watanabe T.; Kikuchi K.; Maruyama N.; Sone M.; Iwamoto M.; Naganuma S.; Mashiko H.; Ishii H.; Takaya Y.; Kamimoto M.; Shirai A.; Watanabe R.; Tohyama Y.; Araki F.; Sakuma H.; Amada Y.; Sato E.; Techigawara M.; Nakamura K.; Nakayama T.; Hasegawa K.; Hasegawa K.; Nagao T.; Minami J.; Kumagai Y.; Cho T.; Okamoto K.; Iguchi T.; Honzawa T.; Koitabashi T.; Yamada T.; Horikoshi H.; Nagao T.; Yoshimatsu H.; Seki K.; Akiyama N.; Suga H.; Matsunaga R.; Sinozaki T.; Ishimaru Y.; Yagi N.; Takikawa H.; Hikutome T.; Nakajima C.; Sato H.; Simizu J.; Arai M.; Koide H.; Takada H.; Sato T.; Umezu T.; Aoki H.; Nakamoto H.; Komahashi K.; Sekiya S.; Sugimoto H.; Arai T.; Suzuki H.; Inokuma S.; Funazaki T.; Yasuda F.; Kanouzuwa S.; Yokota C.; Noguchi Y.; Hatano M.; Izumida T.; Hara T.; Muranaka H.; Suzuki M.; Ogawa Y.; Yabumoto E.; Matsushita S.; Kohzu K.; Sasaki F.; Hata N.; Yanagisawa M.; Ueda T.; Kurosawa M.; Doutare S.; Higashi S.; Kato M.; Hoshino T.; Fukuda K.; Ohtsuki K.; Ikeda T.; Kasatani T.; Yamada T.; Yatagai S.; Ohsuga E.; Yamakado M.; Kawamura H.; Mitsubayashi H.; Yamashina S.; Yamazaki J.; Nanjo S.; Ito S.; Teramoto T.; Gomi T.; Kato S.; Koekawa N.; Kuwaki K.; Ikeda T.; Hori K.; Arai S.; Koyama H.; Ichikawa M.; Hashimoto A.;

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Department of Planning for Drug Development and Clinical Evaluation, Tohoku University, Graduate School of Pharmaceutical Sciences and Medicine, Sendai, Japan // Department of Clinical Pharmacology and Therapeutics, Tohoku University, Graduate School of Pharmaceutical Sciences and Medicine, Sendai, Japan // Tohoku University, 21st Century COE Program, Comprehensive Research and Education Center for Planning of Drug Development and Clinical Evaluation, Sendai, Japan // Miyagi Shikaihoken Hospital, Sendai, Japan // Department of Clinical Pharmacology and Therapeutics, Tohoku University, Graduate School of Pharmaceutical Sciences and Medicine, 1-1 Seiryō-cho, Aoba-ku, Sendai, Miyagi 980-8574, Japan // Affiliation unspecified.
 Author email: imai@tinet-i.ne.jp; imai@tinet-i.ne.jp; imai@tinet-i.ne.jp

Corresp. Author: Imai Y.

Corresp. Author Affil: Department of Clinical Pharmacology and Therapeutics, Tohoku University, Graduate School of Pharmaceutical Sciences and Medicine, 1-1 Seiryō-cho, Aoba-ku, Sendai, Miyagi 980-8574, Japan
 Corresp. Author email: imai@tinet-i.ne.jp

Clinical and Experimental Hypertension (Clin. Exp. Hypertens.) (United States) January 1, 2007, 29/1 (69-81)
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Plasma thioredoxin levels in patients with unstable angina

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Dept. of Cardiovascular Medicine, Kumamoto University, School of Medicine, 1-1-1 Honjo, Kumamoto City 860-8556, Japan // Department of Biological Responses, Institute for Virus Research, Kyoto University, Kyoto, Japan

Author email: ogawah@gpo.kumamoto-u.ac.jp

Corresp. Author: Ogawa H.

Corresp. Author Affil: Dept. of Cardiovascular Medicine, Kumamoto University, School of Medicine, 1-1-1 Honjo, Kumamoto City 860-8556, Japan

Corresp. Author email: ogawah@gpo.kumamoto-u.ac.jp

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Heart failure with silent coronary artery spasm exhibiting microscopic focal myocardial necrosis and amyloid-deposition

Kaikita K.; Sakashita N. // Suzuki S.; Sugiyama S.; Usuku H.; Hirai N.; Sakamoto T.; Yoshimura M.; Ogawa H. Department of Cell Pathology, Graduate School of Medical Sciences, Kumamoto University, 1-1-1 Honjo, Kumamoto 860-8556, Japan // Department of Cardiovascular Med., Graduate School of Medical Sciences, Kumamoto University, 1-1-1 Honjo, Kumamoto 860-8556, Japan

Corresp. Author: Sugiyama S.

Corresp. Author Affil: Department of Cardiovascular Med., Graduate School of Medical Sciences, Kumamoto University, 1-1-1 Honjo, Kumamoto 860-8556, Japan

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Formation of platelet microaggregates correlates with adverse clinical outcome in patients with coronary artery disease

Miyamoto S.; Kawano H.; Sakamoto T.; Soejima H.; Kajiwara I.; Shimomura H.; Kojima S.; Hokamaki J.; Sugiyama S.; Hirai N.; Yoshimura M.; Ogawa H. // Ozaki Y.
Dept. of Cardiovascular Medicine, Kumamoto University, School of Medicine, 1-1-1 Honjo, Kumamoto City 860-8556, Japan // Dept. of Clin. and Lab. Medicine, Yamanashi University, Medical School, Tamaho, Yamanashi, Japan
Author email: ogawah@kumamoto-uac.jp
Corresp. Author: Ogawa H.
Corresp. Author Affil: Dept. of Cardiovascular Medicine, Kumamoto University, School of Medicine, 1-1-1 Honjo, Kumamoto City 860-8556, Japan
Corresp. Author email: ogawah@kumamoto-uac.jp

Thrombosis and Haemostasis (Thromb. Haemost.) (Germany) April 1, 2003 , 89/4 (681-686)
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Increased serum matrix metalloproteinase-1 concentration predicts advanced left ventricular remodeling in patients with acute myocardial infarction

Soejima H.; Ogawa H.; Sakamoto T.; Miyamoto S.; Kajiwara I.; Kojima S.; Hokamaki J.; Sugiyama S.; Yoshimura M. // Suefuji H.; Miyao Y.; Fujimoto K.; Miyagi H. // Kishikawa H.
Dept. of Cardiovascular Medicine, Kumamoto Univ. School of Medicine, 1-1-1 Honjo, Kumamoto 860-8556, Japan // Division of Cardiovascular Center, Kumamoto National Hospital, Kumamoto, Japan // Health Care Center, Kumamoto University, Kumamoto, Japan
Author email: yuuki@gpo.kumamoto-u.ac.jp
Corresp. Author: Soejima H.
Corresp. Author Affil: Dept. of Cardiovascular Medicine, Kumamoto Univ. School of Medicine, 1-1-1 Honjo, Kumamoto 860-8556, Japan
Corresp. Author email: yuuki@gpo.kumamoto-u.ac.jp

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A patient with systemic scleroderma showing improvement during long- term hemodialysis after renal crisis

Fuse Y.; Muramatsu M.; Sugiyama S.; Maeda K.

Tohkai Clinic, Tokai-city, Japan

Corresp. Author: Fuse Y.

Corresp. Author Affil: Tohkai Clinic, Tokai-city, Japan

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Impairment of endothelium-dependent relaxation of rabbit aortas by cigarette smoke extract - Role of free radicals and attenuation by captopril

Ota Y.; Kugiyama K.; Sugiyama S.; Ohgushi M.; Matsumura T.; Doi H.; Ogata N.; Oka H.; Yasue H.

Division of Cardiology, Kumamoto Univ. School of Medicine, 1-1-1 Honjo, Kumamoto City 860, Japan

Author email: kiyo@gpo.kumamoto-u.ac.jp

Corresp. Author: Kugiyama K.

Corresp. Author Affil: Division of Cardiology, Kumamoto University, School of Medicine, 1-1-1 Honjo, Kumamoto City 860, Japan

Corresp. Author email: kiyo@gpo.kumamoto-u.ac.jp

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Document Type: Journal ; Article Record Type: Abstract

Language: English Summary language: English

Number of References: 35

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? s ((dipeptidyl peptidase IV) or DPP-IV) (n20) (crystal? or co-crystal? or cocrystal?)
Processing
      4431    DIPEPTIDYL PEPTIDASE IV
      298     DPP-IV
    4178915    CRYSTAL?
      587     CO-CRYSTAL?
      8896    COCRYSTAL?
S13      26    S ((DIPEPTIDYL PEPTIDASE IV) OR DPP-IV) (N20) (CRYSTAL? OR CO-CRYSTAL? OR
COCRYSTAL?)
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Records from unsupported files will be retained in the RD set.
S14      20    RD (UNIQUE ITEMS)
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? s s14 not s2
      20     S14
      5      S2
S15      20    S S14 NOT S2
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15/3/1 (Item 1 from file: 34)

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17401999 Genuine Article#: 2561B No. References: 29

Involvement of DPP-IV catalytic residues in enzyme-saxagliptin complex formation

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Small, potent, and selective diaryl phosphonate inhibitors for urokinase-type plasminogen activator with in vivo antimetastatic properties

Author: Joossens J; Ali OM; El-Sayed I; Surpateanu G; Van der Veken P; Lambeir AM; Setyono-Han B; Foekens JA; Schneider A; Schmalix W; Haemers A; Augustyns K (REPRINT)

Corporate Source: Univ Antwerp,Med Chem Lab,Universiteitsplein 1/B-2610 Antwerp/Belgium/ (REPRINT);

Univ Antwerp,Med Chem Lab,B-2610 Antwerp/Belgium/; Univ Antwerp,Med Biochem Lab,B-2610

Antwerp/Belgium/; Erasmus MC,Josephine Nefkens Inst, Dept Med Oncol,NL-3015 GE Rotterdam//Netherlands/; Wiley AG,D-81675 Munich/Germany/

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Author: Ruth DM; Buckley SJ; O'Connor BF; O'Fagany C (REPRINT)

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Applications of dipeptidyl peptidase IV inhibitors in diabetes mellitus

Author: McIntosh CHS (REPRINT); Demuth HU; Kim S; Pospisilik JA; Pederson RA

Corporate Source: Univ British Columbia, Fac Med, Dept Cellular & Physiol Sci, Inst Life Sci, 2350 Hlth Sci Mall/Vancouver/BC V6T 1Z3/Canada/ (REPRINT); Univ British Columbia, Fac Med, Dept Cellular & Physiol Sci, Inst Life Sci, Vancouver/BC V6T 1Z3/Canada/; Probiadrug AG, Bioctr, Halle//Germany/; Inst Mol Biotechnol, Vienna//Austria/

Journal: INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY , 2006 , V 38 , N5-6 , P 860-872

ISSN: 1357-2725 Publication date: 20060000

Publisher: PERGAMON-ELSEVIER SCIENCE LTD , THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND

Language: English Document Type: REVIEW (ABSTRACT AVAILABLE)

15/3/9 (Item 9 from file: 34)

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15002972 Genuine Article#: 028NR No. References: 120

Inhibitors of dipeptidyl peptidase IV - Recent advances and structural views

Author: Hunziker D (REPRINT) ; Hennig M; Peters JU

Corporate Source: F Hoffmann La Roche & Co Ltd,Discovery Chem, PRBD CM,Bldg 92-1-76C/CH-4070

Basel//Switzerland/ (REPRINT); F Hoffmann La Roche & Co Ltd,Discovery Chem, PRBD CM,CH-4070

Basel//Switzerland/; F Hoffmann La Roche & Co Ltd,Discovery Enabling Sci,CH-4070 Basel//Switzerland/ (daniel.hunziker@roche.com)

Journal: CURRENT TOPICS IN MEDICINAL CHEMISTRY , 2005 , V 5 , N16 , P 1623-1637

ISSN: 1568-0266 Publication date: 20050000

Publisher: BENTHAM SCIENCE PUBL LTD , EXECUTIVE STE Y26, PO BOX 7917, SAIF ZONE, 1200 BR SHARJAH, U ARAB EMIRATES

Language: English Document Type: REVIEW (ABSTRACT AVAILABLE)

15/3/10 (Item 10 from file: 34)

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SciSearch(R) Cited Ref Sci

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14959868 Genuine Article#: 022BY No. References: 52

Selective inhibition of fibroblast activation protein protease based on dipeptide substrate specificity

Author: Edosada CY; Quan C; Wiesmann C; Tran T; Sutherlin D; Reynolds M; Elliott JM ; Raab H; Fairbrother W; Wolf BB (REPRINT)

Corporate Source: Genentech Inc,Dept Mol Oncol,I DNA Way,MS42/San Francisco//CA/94080 (REPRINT);

Genentech Inc,Dept Mol Oncol,San Francisco//CA/94080; Genentech Inc,Dept Med Chem,San

Francisco//CA/94080; Genentech Inc,Dept Prot Engrn,San Francisco//CA/94080; Genentech Inc,Dept Prot Chem,San Francisco//CA/94080 (bbwolf@gene.com)

Journal: JOURNAL OF BIOLOGICAL CHEMISTRY , 2006 , V 281 , N11 (MAR 17) , P 7437-7444

ISSN: 0021-9258 Publication date: 20060317

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC , 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

15/3/11 (Item 11 from file: 34)

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14803023 Genuine Article#: 009DY No. References: 33

Molecular characterization of a novel dipeptidyl peptidase like 2-short form (DPL2-s) that is highly expressed in the brain and lacks dipeptidyl peptidase activity

Author: Chen T; Ajami K; McCaughan GW; Gai WP; Gorrell MD; Abbott CA (REPRINT)

Corporate Source: Flinders Univ S Australia,Sch Biol Sci,GPO Box 2100/Adelaide/SA 5001/Australia/

(REPRINT); Flinders Univ S Australia, Sch Biol Sci, Adelaide/SA 5001/Australia/; Univ Sydney, Discipline Med, Sydney/NSW 2006/Australia/; Flinders Univ S Australia, Sch Med, Dept Human Physiol, Adelaide/SA 5001/Australia/ (cathy.abbott@flinders.edu.au)
Journal: BIOCHIMICA ET BIOPHYSICA ACTA-PROTEINS AND PROTEOMICS , 2006 , V 1764 , N1 (JAN) , P 33-43
ISSN: 1570-9639 Publication date: 20060100
Publisher: ELSEVIER SCIENCE BV , PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

15/3/12 (Item 12 from file: 34)

Fulltext available through: [STIC Full Text Retrieval Options](#)
SciSearch(R) Cited Ref Sci
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14254667 Genuine Article#: 954WY No. References: 78
Type 2 diabetes - Therapy with dipeptidyl peptidase IV inhibitors

Author: Demuth HU (REPRINT); McIntosh CHS; Pederson RA
Corporate Source: Probiodrug AG, Bioctr, Weinbergweg 22/D-06120 Halle Saale//Germany/ (REPRINT); Probiodrug AG, Bioctr, D-06120 Halle Saale//Germany/; Univ British Columbia, Dept Cellular & Physiol Sci, Vancouver/BC/Canada/ (hans-ulrich.demuth@probiodrug.de)
Journal: BIOCHIMICA ET BIOPHYSICA ACTA-PROTEINS AND PROTEOMICS , 2005 , V 1751 , N1 (AUG 1) , P 33-44
ISSN: 1570-9639 Publication date: 20050801
Publisher: ELSEVIER SCIENCE BV , PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

15/3/13 (Item 13 from file: 34)

Fulltext available through: [STIC Full Text Retrieval Options](#)
SciSearch(R) Cited Ref Sci
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14060014 Genuine Article#: 938DG No. References: 37
Inhibition of dipeptidyl-peptidase IV catalyzed peptide truncation by vildagliptin ((2S)-[3-hydroxyadamantan-1-yl) amino]acetyl-pyrrolidine-2-carbonitrile)

Author: Brandt I; Joossens J; Chen X; Maes MB; Scharpe S; De Meester I; Lambeir AM (REPRINT)
Corporate Source: Univ Antwerp, Med Biochem Lab, Dept Pharmaceut Sci, Drie Eiken Campus, Univ Pl 1, Bldg S6/B-2610 Antwerp//Belgium/ (REPRINT); Univ Antwerp, Med Biochem Lab, Dept Pharmaceut Sci, B-2610 Antwerp//Belgium/; Univ Antwerp, Med Chem Lab, Dept Pharmaceut Sci, B-2610 Antwerp//Belgium/; Natl Hlth Res Inst, Div Biotechnol & Pharmaceut Res, Taipei//Taiwan/ (anne-marie.lambeir@ua.ac.be)
Journal: BIOCHEMICAL PHARMACOLOGY , 2005 , V 70 , N1 (JUL 1) , P 134-143
ISSN: 0006-2952 Publication date: 20050701
Publisher: PERGAMON-ELSEVIER SCIENCE LTD , THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

15/3/14 (Item 14 from file: 34)

Fulltext available through: [STIC Full Text Retrieval Options](#)

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13500023 Genuine Article#: 886FS No. References: 53

(2R)-4-Oxo-4-[3-(trifluoromethyl)-5,6-dihydro[1,2,4]triazolo[4,3- α]pyrazin-7(8H)-yl]-1-(2,4,5-trifluorophenyl)butan-2-amine: A potent, orally active dipeptidyl peptidase IV inhibitor for the treatment of type 2 diabetes

Author: Kim D (REPRINT) ; Wang LP; Beconi M; Eiermann GJ; Fisher MH; He HB; Hickey GJ; Kowalchick JE; Leiting B; Lyons K; Marsilio F; McCann ME; Patel RA; Petrov A; Scapin G; Patel SB; Roy RS; Wu JK; Wyvratt MJ; Zhang BB; Zhu L; Thornberry NA; Weber AE

Corporate Source: Merck & Co Inc,Merck Res Labs,Mail Code RY800-C206,POB 2000/Rahway/NJ/07065

(REPRINT); Merck & Co Inc,Merck Res Labs,Rahway/NJ/07065 (dooseop.kim@merck.com)

Journal: JOURNAL OF MEDICINAL CHEMISTRY, 2005, V 48, N1 (JAN 13), P 141-151

ISSN: 0022-2623 Publication date: 20050113

Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

15/3/15 (Item 15 from file: 34)

Fulltext available through: [STIC Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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13058640 Genuine Article#: 844CL No. References: 35

Tyrosine 547 constitutes an essential part of the catalytic mechanism of dipeptidyl peptidase IV

Author: Bjelke JR; Christensen J; Branner S; Wagtmann N; Olsen C; Kanstrup AB; Rasmussen HB (REPRINT)

Corporate Source: Novo Nordisk AS,Prot Struct,Novo Alle/DK-2880 Bagsvaerd//Denmark/ (REPRINT) ; Novo Nordisk AS,Prot Struct,DK-2880 Bagsvaerd//Denmark/; Novo Nordisk AS,Prot Sci,DK-2880 Bagsvaerd//Denmark/;

Novo Nordisk AS,Cane & Immunobiol,DK-2880 Bagsvaerd//Denmark/; Novo Nordisk AS,Med Chem,DK-2880 Bagsvaerd//Denmark/; Univ Copenhagen,Panum Inst, Inst Med Biochem & Genet,DK-2200 Copenhagen//Denmark/ (hbrm@novonordisk.com)

Journal: JOURNAL OF BIOLOGICAL CHEMISTRY, 2004, V 279, N33 (AUG 13), P 34691-34697

ISSN: 0021-9258 Publication date: 20040813

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

15/3/16 (Item 16 from file: 34)

Fulltext available through: [STIC Full Text Retrieval Options](#)

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12951233 Genuine Article#: 835QI No. References: 22

The crystal structure of human dipeptidyl peptidase IV (DPPIV) complex with diprotin A

Author: Hiramatsu H; Yamamoto A; Kyono K; Higashiyama Y; Fukushima C; Shima H; Sugiyama S; Inaka K; Shimizu R (REPRINT)

Corporate Source: Tanabe Seiyaku Co Ltd,Yodogawa Ku,3-16-89 Kashima/Osaka 5328505//Japan/ (REPRINT); Tanabe Seiyaku Co Ltd,Yodogawa Ku,Osaka 5328505//Japan/; Maruwa Food Ind Inc,Nara 6391123//Japan/ (ryo@tanabe.co.jp)

Journal: BIOLOGICAL CHEMISTRY, 2004, V 385, N6 (JUN), P 561-564

ISSN: 1431-6730 Publication date: 20040600

Publisher: WALTER DE GRUYTER & CO, GENTHINER STRASSE 13, D-10785 BERLIN, GERMANY

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

15/3/17 (Item 17 from file: 34)

Fulltext available through: [STIC Full Text Retrieval Options](#)

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12446957 Genuine Article#: 766YH No. References: 54

Crystal structure of human dipeptidyl peptidase IV in complex with a decapeptide reveals details on substrate specificity and tetrahedral intermediate formation

Author: Aertgeerts K; Ye S; Tennant MG; Kraus ML; Rogers J; Sang BC; Skene RJ; Webb DR; Prasad GS (REPRINT)

Corporate Source: Syrrx Inc,10410 Sci Ctr Dr/San Diego//CA/92121 (REPRINT); Syrrx Inc,San Diego//CA/92121

Journal: PROTEIN SCIENCE, 2004, V 13, N2 (FEB), P 412-421

ISSN: 0961-8368 Publication date: 20040200

Publisher: COLD SPRING HARBOR LAB PRESS, PUBLICATIONS DEPT, 500 SUNNYSIDE BLVD, WOODBURY, NY 11797-2924 USA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

15/3/18 (Item 18 from file: 34)

Fulltext available through: [STIC Full Text Retrieval Options](#)

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11504561 Genuine Article#: 661FV No. References: 26

The structure and function of human dipeptidyl peptidase IV, possessing a unique eight-bladed beta-propeller fold

Author: Hiramatsu H; Kyono K; Higashiyama Y; Fukushima C; Shima H; Sugiyama S; Inaka K; Yamamoto A; Shimizu R (REPRINT)

Corporate Source: Tanabe Seiyaku Co Ltd,Discovery Res Lab,3-16-86 Kashima/Osaka 5328505//Japan/ (REPRINT); Tanabe Seiyaku Co Ltd,Discovery Res Lab,Osaka 5328505//Japan/; Maruwa Foods Co Ltd,Nara 6391123//Japan/

Journal: BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS , 2003 , V 302 , N4 (MAR 21) , P 849-854

ISSN: 0006-291X Publication date: 20030321

Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE , 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495 USA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

15/3/19 (Item 19 from file: 34)

Fulltext available through: [STIC Full Text Retrieval Options](#)

SciSearch(R) Cited Ref Sci

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05416771 Genuine Article#: VX271 No. References: 50

DIPEPTIDYL PEPTIDASE-IV FROM XANTHOMONAS-MALTOPHILIA - SEQUENCING AND EXPRESSION OF THE ENZYME GENE AND CHARACTERIZATION OF THE EXPRESSED ENZYME

Author: KABASHIMA T; ITO K; YOSHIMOTO T

Corporate Source: NAGASAKI UNIV,SCH PHARMACEUT SCI,1-14 BUNKYO MACHI/NAGASAKI 852/JAPAN/

Journal: JOURNAL OF BIOCHEMISTRY , 1996 , V 120 , N6 (DEC) , P 1111-1117

ISSN: 0021-924X

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

15/3/20 (Item 1 from file: 73)

Fulltext available through: [STIC Full Text Retrieval Options](#)

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0070010033 EMBASE No: 1974010061

Chemical studies on tuberactinomycin. V. Structures of guanidino amino acids in tuberactinomycins

Wakamiya T.; Shiba T.; Kaneko T.; et-al

Dept. Chem., Fac. Sci., Osaka Univ., Toyonaka, Osaka, Japan

Corresp. Author Affil: Dept. Chem., Fac. Sci., Osaka Univ., Toyonaka, Osaka, Japan

Bulletin of the Chemical Society of Japan (BULL. CHEM. SOC. JPN.) December 1, 1973 , 46/3 (949-954)

CODEN: BCSJA ISSN: 00092673

Document Type: Journal Record Type: Citation

Language: English

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Set	Items	Description
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S1	18	S AU=((HIRAMATSU H?) OR (HIRAMATSU, H.?)) AND DIPEPTIDYL
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S2 5 RD (unique items)
 S3 18 S AU=((KYONO K?) OR (KYONO, K.??)) AND DIPEPTIDYL
 S4 5 RD (unique items)
 S5 0 S S4 NOT S2
 S6 19 S AU=((SHIMA H?) OR (SHIMA, H.??)) AND DIPEPTIDYL
 S7 6 RD (unique items)
 S8 1 S S7 NOT S2
 S9 14 S S6 NOT S2
 S10 31 S AU=((SUGIYAMA S?) OR (SUGIYAMA, S.??)) AND DIPEPTIDYL
 S11 16 RD (unique items)
 S12 11 S S11 NOT S2
 S13 26 S ((DIPEPTIDYL PEPTIDASE IV) OR DPP-IV) (N20) (CRYSTAL? OR CO-CRYSTAL? OR COCRYSTAL?)
 S14 20 RD (unique items)
 S15 20 S S14 NOT S2

? logoff

Estimated Cost Summary

Project		Client		Charge Code		Searcher		Job		Service Code	User Number
						Suzanne Noakes				51	276629
Date		Time		SessionID		Subsession		Subaccount			
05/22/2008		12:40:23		79		3					
Data Base	Dial Units	Access Charge	Print Credit	Types	Prints	Report	Rank	Links	CSS	Total	
155	0.2460	0.87	0.00	0.96	0.00	0.00	0.00	0.00	0.00	1.83	
5	0.2030	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26	
24	0.0820	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	
28	0.0520	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	
34	0.4630	12.32	0.00	147.06	0.00	0.00	0.00	0.00	0.00	159.38	
35	0.0860	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	
40	0.0560	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	
41	0.0480	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	
45	0.1380	0.72	0.00	4.32	0.00	0.00	0.00	0.00	0.00	5.04	
50	0.0990	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	
65	0.0860	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	
71	0.1340	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	
73	0.3200	4.11	0.00	39.05	0.00	0.00	0.00	0.00	0.00	43.16	
91	0.0480	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	

98	0.0820	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36
110	0.0520	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31
135	0.0650	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37
136	0.0560	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36
143	0.0690	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
144	0.2770	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41
164	0.0480	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
172	0.0740	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94
185	0.0650	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42
357	0.1430	3.61	0.00	2.84	0.00	0.00	0.00	0.00	0.00	6.45
369	0.0480	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
370	0.0430	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
391	0.0860	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
434	0.1120	2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.99
467	0.0520	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
149	0.0820	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37
156	0.1120	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69
159	0.1040	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34

162	0.0690	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32
266	0.0740	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27
399	0.8520	11.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.13
444	0.0430	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
Sub Totals	4.6690	\$48.81	\$0.00	\$194.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$243.04
Session Totals	5.0460	\$49.04		Telecom	\$1.62					\$244.88

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